

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) A communication terminal apparatus comprising:

a signal point arranging means for arranging section that
arranges signal points based on power ratio information which is
a ratio of transmission power of a common known signal to
transmission power of a signal included in a channel that does
not have a known signal; and

a demodulating means for performing section that performs
quadrature amplitude demodulation of received data based on the
signal points arranged by said signal point arranging means
section.

2. (Currently Amended) The communication terminal
apparatus according to claim 1, further comprising an extracting
means for extracting section that extracts the power ratio
information included in signals transmitted from a base station
apparatus, wherein said signal point arranging means section
arranges the signal points based on the power ratio information
extracted by said extracting means section.

3. (Currently Amended) A communication terminal apparatus comprising:

~~a signal point arranging means for arranging~~ section that arranges signal points based on an average power ratio which is a ratio of reception power of a common known signal transmitted from a base station apparatus to an average value for each processing timing of reception power of signals included in a channel that does not have a known signal; and

~~a demodulating means for performing~~ section that performs quadrature amplitude demodulation of received data based on signal points arranged by said signal point arranging means section.

4. (Currently Amended) A base station apparatus comprising:

~~a modulating means for switching~~ section that switches a modulation method according to an estimated channel condition and modulating transmit data;

~~a power ratio information calculating means for calculating~~ section that calculates power ratio information which is a ratio of transmission power of a common known signal to transmission power of a signal included in a channel that does not have a known signal; and

~~a transmitting means for transmitting~~ section that transmits
calculated power ratio information to the a communication
terminal apparatus ~~according to claim 2.~~

5. (Original) A demodulation method comprising the steps
of:

arranging signal points based on power ratio information
which is a ratio of transmission power of a common known signal
to transmission power of a signal included in a channel that does
not have a known signal; and

performing quadrature amplitude demodulation of received
data based on arranged signal points.